

# REQUEST FOR COUNCIL ACTION

MEETING

DATE:

59  
7-7-03**AGENDA SECTION:**

CONSENT AGENDA

**ORIGINATING DEPT:**

Public Works

**ITEM NO.**

D-17

**ITEM DESCRIPTION:** Award of Contracts, Traffic Signal Emergency Vehicle Preemption (EVP), J6396**PREPARED BY:** *JK*  
D. Kramer *DFK*

Traffic signal Emergency Vehicle Preemption (EVP) is a means for emergency vehicles, such as police and fire, to obtain a green light as they approach traffic signals. The benefit is both decreased response times and improved safety. The system works with optical emitters on the emergency vehicles, with optical receivers and equipment on the traffic signals.

The city has previously entered into respective agreements with Mn/DOT and Olmsted County that cover the cost, maintenance, and operation of EVP in Mn/DOT and county signals within the City of Rochester. The project includes EVP in all City of Rochester, Mn/DOT, and Olmsted County traffic signals within the city, with the city as the lead agency for installation.

Bids were received and opened after 11:00 AM, June 10, 2003 for **Purchase** of EVP Equipment, J6396 as follows:

	<u>Base Bid</u>	<u>Alternate 1 Bid</u>	<u>Alternate 2 Bid</u>
1. Brown Traffic Products	\$157,711.73	\$189,643.00	\$249,738.00
2. Traffic Control Corp.	\$171,715.00	\$201,584.00	\$266,433.75

Bids were received and opened after 11:00 AM, June 25, 2003 for **Installation** of EVP Equipment, J6396 as follows:

1. Winkels Electric	\$216,545.14
2. Nietz Electric	\$355,110.00

Purchase of EVP Equipment Alternate 2 Bid includes vehicle identification decoding equipment, which will provide excellent security against unauthorized traffic signal preemption. There are or have been web site(s) that sell instructions for home-made EVP emitters, and there are third party manufacturer(s) that sell handheld EVP emitters. Staff has personally observed traffic signals in downtown Minneapolis preempted with a third party handheld EVP emitter that looked exactly like a Mag-Lite flashlight. Unauthorized preemption could create a hazardous condition where a pedestrian is stranded in the intersection or drivers are surprised by a very short green light, and it also disrupts the normal traffic flow and progression. Staff recommends proceeding with the Alternate 2 equipment.

The project was originally budgeted in the 2001 CIP for \$863,000, including \$514,000 in city funds, \$86,000 in private funds (Gold Cross Ambulance), with the remainder being county & state funds. In the 2002 CIP, the city funds were reduced by \$198,000, and Gold Cross declined to participate, for a total reduction of \$284,000.

The project is currently short approximately \$52,000 in city funds to install the higher security EVP equipment in all city traffic signals. The \$52,000 will come from project reserves from the police New World software system project, J1977. County and state funds per the agreements are adequate to cover their portion of the project.

**COUNCIL ACTION:** Motion by: \_\_\_\_\_ Second by: \_\_\_\_\_ to:

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EVP Award of Contracts

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July 7, 2003

**COUNCIL ACTION REQUESTED:**

Adopt a resolution awarding the contract, "Purchase of Emergency Vehicle Preemption Equipment, J6396" to Brown Traffic Products, Alternate 2; and adopt a resolution awarding the contract, "Installation of Emergency Vehicle Preemption Equipment, J6396" to Winkels Electric; and authorize the Mayor and Clerk to execute the respective contracts.